

11/30/2006 10:06 FAX 3109640941

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## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail Stop ISSUE FEE**  
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08/30/2006

Hughes Electronics Corporation  
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Georgann S. Grunebach

(Depositor's name)

(Signature)

November 30, 2006

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/613,823	07/03/2003	Mustafa Eruz	PD-203016	6879

TITLE OF INVENTION: METHOD AND SYSTEM FOR PROVIDING LOW DENSITY PARITY CHECK (LDPC) ENCODING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	11/30/2006
EXAMINER	ART UNIT	CLASS-SUBCLASS	11/30/2006 TTRAN2	00000027 500383	10613823	
LAMARRE, GUY J	2133	714-758000	01 FC:1501	1400.00 DA		
			02 FC:1604	300.00 DA		

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Georgann S. Grunebach

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## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

The DirecTV Group, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

El Segundo, California US

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

## 4a. The following fee(s) are submitted:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
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## 5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

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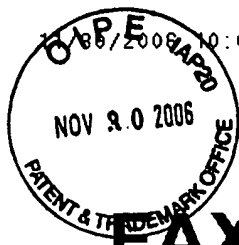
Date: November 30, 2006

Typed or printed name: Georgann S. Grunebach

Registration No. 33,179

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Fax: (571) 273-2885

Pages: Cover + 1 + 1 = 3

Date: November 30, 2006

From: Georgann S. Grunebach  
Assistant General Counsel

Fax: (310) 964-0941  
Phone: (310) 964-4615

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Georgann S. Grunebach, Reg. No. 33,179  
(Printed Name of Depositor)

November 30, 2006  
(Date of Signature)

**Attention: Commissioner for Patents, Mail Stop Issue Fee**

Please find attached Re:

Attorney Docket No. PD-203016

Serial No.: 10/613,823

Filing Date: July 3, 2003

➤ PART B – FEE TRANSMITTAL (1 page in duplicate)

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